

Work Order ID 78957

78957

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January-17-12 2:52:10 PM

Item ID: D2938-1 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Saddle LH Out, 206
 Start Date: 17/01/2012 Start Qty: 6.00 ***6*** Cust Item ID:
 Required Date: 31/01/2012 Req'd Qty: 6.00 ***6*** Customer:
 Reference:

Approvals: Process Plan: M.L.J Date: 12/01/17 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2938	Rev C								

100 HAAS CNC VERTICAL MACHINING #1 0.00 F.K./24 12-3-16 6 4
100
 HAAS I Memo 0.00
 HAAS CNC vertical machine #1 Program part number and batch number. 1-Inspect part number and batch number are programmed correctly. 2-Machine Step No 1 of Folio and visually inspect as per dwg D2938 & attached Dimension Sheet 3-Machine Step No 2 of Folio and visually inspect as per

110 CONVENTIONAL MILLING MACHINE 0.00 F.K./24 12-3-16 6 4
110
 Mill Conv Memo 0.00
 Conventional Milling Machine Machine Keyway and inspect per attached dimension sheet

120 QC1- Inspect dimensions to dimension sheet 0.00 F.K./24 12-3-16 6 4
120
 QC Memo 0.00
 Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

78957

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N900040100

Setup Start *NS1*

Stop *NS2*

6

Cust Item ID:

6

Customer:

Reference:

Run Start *NR1*

Stop ***NR2***

0.00

130

QC

Memo

0.00

Quality Control

140

Chemical Conversion Coat per QSI005 4.1

0.00

140

HandFinish

Memo

0.00

Hand Finishing

150

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00

150

Powdercoat

Memo

0.00

Powder Coating

START TIME:

1650 FINISH TIME:

OVEN TEMPERATURE:

320°F

M 2022

W/O:		WORK ORDER CHANGES					
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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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160 QC3- Inspect Part Finish 0.00

160

QC Memo 0.00

Quality Control

6X of M-L 12/3/20

170 Identify as per dwg & Stock Location: **428A** 0.00

170

Packaging Memo 0.00

Packaging

12/3/21 605

180 QC21- Final Inspection - Work Order Release 0.00

180

QC Memo 0.00

Quality Control

12/3/21 MF 12-03-21

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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 78957

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Parent Item: D2938-1

D2938-1

Parent Item Name: Saddle LH Out, 206

Start Date: 17/01/2012

Required Date: 31/01/2012

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP: B 00.06.26 New DWG rev (mpp 2069)EC
IPP Rev:C As per Rev C 07-03-19 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D6101-003		Manufactured	No			100	Each	50.0000	1	6			

D6101-003

Saddle Billet, 7075

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT040	56	
73775	2	
73780	7	
77562	40	
MAT042	-7	
MAT044	1	
73769	1	

80765

6 FK 12/03/14

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order: 78957
Description: 206 Saddle, Outboard, Left side	Part Number: D2938-1
Inspection Dwg: D2938 Rev. C	Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. C and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.138	.137	.137	.137		
B	0.100	0.140		.137	.134	.134	.134		
C	0.100	0.140		.127	.127	.127	.127		
D	0.210	0.230		.225	.225	.225	.225		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.512	.512	.512	.512		
I	1.572	1.582		1.577	1.577	1.577	1.577		
J	2.495	2.505		2.500	2.500	2.500	2.500		
K	0.257	0.262		.257	.257	.257	.257		
L	0.312	0.317		.314	.314	.314	.314		
M	0.235	0.240		.238	.238	.238	.238		
N	0.100	0.140		.125	.125	.125	.125		
O	0.540	0.560		.545	.548	.548	.548		
P	0.490	0.510		.502	.502	.502	.502		
Q	3.715	3.725		3.720	3.720	3.720	3.720		
R	2.720	2.760		2.741	2.741	2.741	2.741		
S	0.240	0.270		.258	.257	.257	.257		
T	0.100	0.180		.130	.130	.130	.130		
U	1.625	1.635		1.630	1.630	1.630	1.630		
V	1.362	1.372		1.367	1.367	1.367	1.367		
W	0.316	0.321		.316	.316	.316	.316		
X	1.250	1.270		1.258	1.258	1.258	1.258		
Y	1.565	1.585		1.572	1.572	1.572	1.572		
Z	0.178	0.198		.188	.188	.188	.188		
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: DR
Date: 12-3-16

Audited by: X
Date: 12/03/18

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	
C	07.03.21	Revised per drawing revision C	KJ/JLM	

W/O:		WORK ORDER CHANGES					
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DART AEROSPACE LTD		Work Order:	
Description: 206 Saddle, Outboard, Left side		Part Number:	D2938-1
Inspection Dwg: D2938 Rev. C		Page 1 of 1	

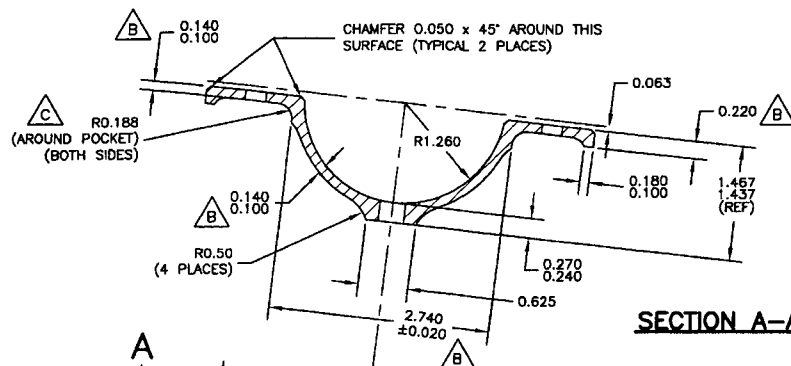
Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. C and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.137	.137				
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C	0.100	0.140		.127	.127				
D	0.210	0.230		.225	.225				
E	1.245	1.255		1.250	1.250				
F	1.245	1.255		1.250	1.250				
G	2.495	2.505		2.500	2.500				
H	0.510	0.515		.512	.512				
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Z	0.178	0.198		.188	.188				
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

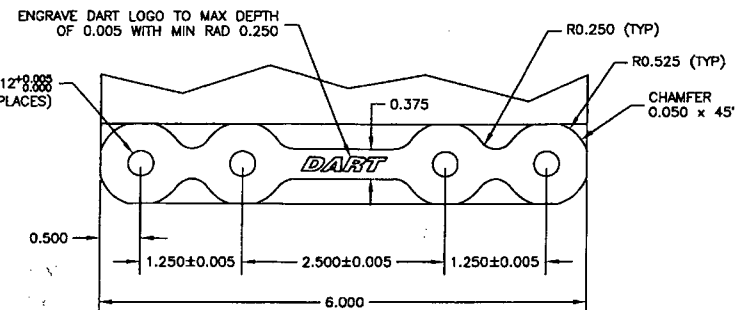
Measured by:	RD / FK
Date:	12-3-18

Audited by:	JL
Date:	12-03-18

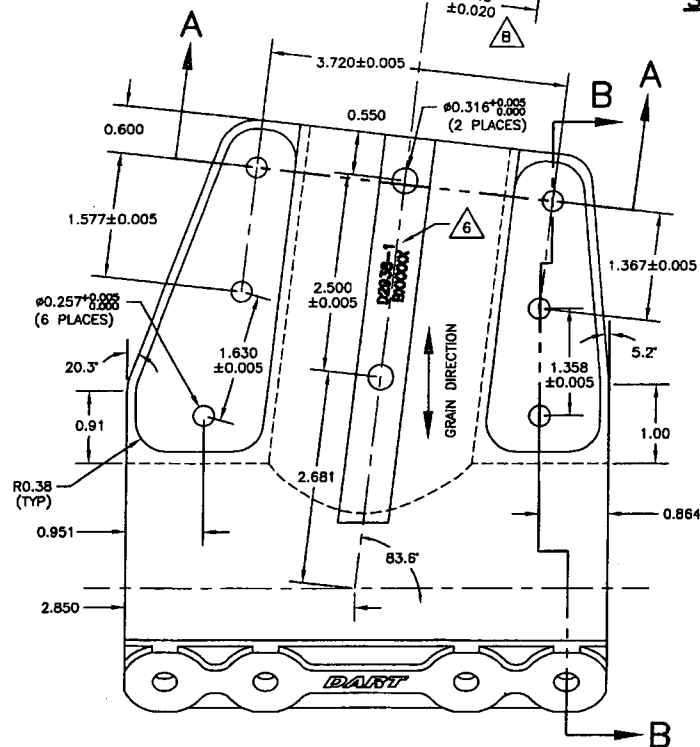
Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	
C	07.03.21	Revised per drawing revision C	KJ/JLM	



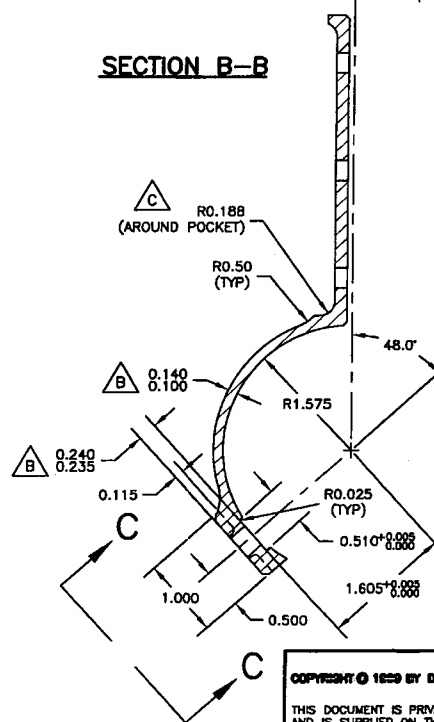
SECTION A-A



VIEW C-C



SECTION B-B



D2938-1 LH SADDLE (SHOWN)
D2938-2 RH SADDLE (OPPOSITE)

- NOTES:
- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
(MAKE FROM 06101-003 SADDLE BILLET, 7075)
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
 - 3) BREAK ALL SHARP EDGES 0.010 TO 0.020
 - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 5) ALL DIMENSIONS ARE IN INCHES
 - 6) ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP

C	06.11.09	R0.188 WAS R0.30 TO R0.25
B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.11.12	NEW ISSUE
DESIGN	PH	DRAWN BY CB
CHECKED	PH	APPROVED
DATE	06.11.09	TITLE
		SADDLE OUTSIDE
		SCALE
		2:3

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DART DART AEROSPACE USA, INC.
BELLINGHAM, WA

DRAWING NO. D2938
REV. C
SHEET 1 OF 1

TITLE SADDLE OUTSIDE
SCALE

07.02.12

1.575
0.63
1.512

1.412 min
1.652 max

1.648

W/O:		WORK ORDER CHANGES					
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